CLAIM AMENDMENTS

Claim Amendment Summary

Claims pending

- Before this Amendment: Claims 1-8, 10-22, 24-26, 28-34, 36-37.

- After this Amendment: Claims 1-8, 11-12, 14-15, 18-22, 24-26, 28-29, 32-24, and 37

Non-Elected, Canceled, or Withdrawn claims: 9-10, 13, 16-17, 23, 27, 30-31, and 35-36

Amended claims: 1, 12, 14, 19, 25, 29, and 37

New claims: none

Claims:

1.   **(Currently Amended)** A method comprising:

receiving a request for an internal web page from an external browser application;

identifying link information contained in the request for the internal web page;

storing the link information which has been identified in a link translation table;

identifying at least one internal link in the internal web page;

modifying the at least one internal link based on the link information stored in the link translation table, such that the internal link is accessible by the external browser application; ~~and~~

communicating the requested web page, including the modified internal link, to the external browser application; and

deleting the identified link information from the link translation table after communicating the requested web page to the external browser application whereby making the link information inaccessible after fulfilling the request.

2.   **(Original)** A method as recited in claim 1 wherein modifying the at least one internal link includes modifying a portion of a uniform resource locator associated with the at least one internal link.

3. **(Original)** A method as recited in claim 1 wherein modifying the at least one internal link includes modifying a protocol associated with the at least one internal link.

4. **(Original)** A method as recited in claim 1 wherein modifying the at least one internal link includes modifying a port associated with the at least one internal link.

5. **(Original)** A method as recited in claim 1 wherein modifying the at least one internal link includes modifying a server name associated with the at least one internal link.

6. **(Original)** A method as recited in claim 1 wherein the request for an internal web page is received via the Internet.

7. **(Original)** A method as recited in claim 6 wherein the internal web page is stored on a server coupled to an internal network.

8. **(Original)** A method as recited in claim 1 wherein modifying the at least one internal link includes accessing string mappings from a link translation table and applying the string mappings to the at least one internal link.

9. – 10. (Canceled)

11. **(Original)** One or more computer-readable memories containing a computer program that is executable by a processor to perform the method recited in claim 1.

12. **(Currently Amended)** A method comprising:

receiving a request for an internal web page from an external source, wherein the request for an internal web page is received via a public network and wherein the internal web page is stored on a server coupled to a private network;

identifying link information contained in the request for an internal web page;

storing the identified link information in a link translation table;

retrieving the internal web page;

translating any internal links in the internal web page such that the internal links are accessible by the external source, wherein translating comprises accessing data in the link translation table; and

communicating the internal web page, including the translated internal links, to the external source; and

deleting the identified link information from the link translation table after communicating the internal web page to the external source whereby making the link information inaccessible after fulfilling the request.

13. **(Canceled)**

14. **(Currently Amended)** A method as recited in ~~claim 13~~ claim 14 wherein the link translation table includes at least one entry defined by a user.

15. **(Original)** A method as recited in claim 12 wherein identifying link information contained in the request includes identifying data in a header associated with the request.

16. – 17. (Canceled)

18. **(Original)** One or more computer-readable memories containing a computer program that is executable by a processor to perform the method recited in claim 12.

19. **(Currently Amended)** A system comprising:

a link translation table, wherein the link translation table ~~contains~~ stores link information which has been identified in a request for an internal link, and includes mappings of portions of links between internal links and external links, wherein internal links are accessible by an internal device coupled to an internal network and external links are accessible by an external device coupled to an external network; and

a translation module coupled to the link translation table, wherein the translation module is to receive a request for an internal web page and to identify any internal links in the requested internal web page, wherein the translation module further modifies any internal links using data contained in the

link translation table and generates the requested web page data, including the modified internal links, for communication to a source of the internal web page request.

20. **(Original)** A system as recited in claim 19 wherein the system is contained in a firewall, wherein the firewall is coupled between a public network and an internal network associated with the internal web page.

21. **(Original)** A system as recited in claim 19 wherein the system is contained within a web server.

22. **(Original)** A system as recited in claim 19 further comprising a configuration module coupled to the translation module, wherein the configuration module permits editing of data contained in the link translation table.

23. **(Canceled)**

24. **(Original)** A system as recited in claim 19 wherein the link translation table contains at least one user-defined entry and at least one entry generated by the translation module in response to the request for an internal web page.

25. (Currently Amended) One or more computer-readable media having stored thereon a computer program that, when executed by one or more processors, causes the one or more processors to perform a method, the method comprising:

~~receive~~ receiving a request for an internal web page via a public network;

~~retrieve~~ retrieving the requested internal web page;

~~identify~~ identifying link information contained in the request for the internal web page;

~~store~~ storing the link information which has been identified in a link translation table;

~~determine~~ determining whether the internal web page contains any internal links;

if the internal web page contains at least-one internal link:

~~modify~~ modifying the at least one internal link based on the link information stored in the link translation table, such that the internal link is accessible via the public network; ~~and~~

~~generate~~ generating data representing the requested internal web page, wherein the generated data ~~includes~~ comprises the modified internal link; and

deleting the identified link information from the link translation table after communicating the requested internal web page.

26. **(Original)** One or more computer-readable media as recited in claim 25 wherein the request for an internal web page is received via the Internet from a web browser application.

27. **(Canceled)**

28. **(Original)** One or more computer-readable media as recited in claim 25 wherein the one or more processors further modify the at least on internal link using information contained in a header associated with the received request for an internal web page.

29. **(Currently Amended)** An apparatus comprising:

means for receiving a request for a web page associated with an internal network; and

means for identifying link information contained in the request for the web page associated with the internal network;

means for storing the link information which is identified in a link translation table, wherein the means for storing link translation data contains portions of internal links and corresponding portions of external links; and

means for translating internal links contained in the web page based on the link information stored in the link translation table, the translating comprising modifying a portion of a uniform resource locator associated with the internal links, wherein the internal links are accessible via the internal network, and

wherein the means for translating translates any internal links contained in the web page into external links that are accessible via an external network;

means for communicating web page data, including any translated links, to a source of the request for the web page; and

means for deleting the link information from the link translation table after communicating the web page data to the source of the request for the web page.

30. – 31. (Canceled)

32. **(Original)** An apparatus as recited in claim 29 wherein the means for translating translates internal links by replacing a first uniform resource locator associated with the internal links with a second uniform resource locator associated with external versions of the internal links.

33. **(Original)** An apparatus as recited in claim 29 wherein the means for translating translates internal links by replacing a first protocol designator with a second protocol designator.

34. **(Original)** An apparatus as recited in claim 29 wherein the means for translating translates internal links by replacing a first server name associated with the internal links with a second server name associated with external versions of the internal links.

35. – 36. (Canceled)

37. (Currently Amended) An apparatus as recited in ~~claim 35~~ claim 29 wherein the means for storing link translation data contains internal port numbers and corresponding external port numbers.